K8s:

Manifest files:

Deployment

Services

Pod

Ingress

Nginx

PV

PVC

1.What rolling update in Kubernetes

Ans: Rolling updates allow Deployments' update to take place with zero downtime by incrementally updating Pods instances with new ones

2. Pod Deployment

Deployment pod using manifest

kubectl port-forward my-pod 8080:80

Deployment using helm chart

3. How to increase pv and pvc volume

**Running Commands in a DaemonSet**:

When working with DaemonSets, you may want to run a command on a specific node. You can use the **--node** flag to specify the node.

For example:

kubectl exec -it my-daemonset-pod --node=<node-name> -- /bin/bash

Few steps:

**Specify the Container (Optional)**:

If a Pod has multiple containers, you can specify which container you want to run the command in using the **-c** flag. For example:

Kubectl exec -it my-pod -c my-container -- /bin/bash

**Running a Single Command**:

You can also run a single command without starting an interactive session. For example:

kubectl exec my-pod -- ls /var/log

**Viewing Logs**:

You can use **kubectl logs** to view the logs of a Pod.

For example:

kubectl logs my-pod

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